



Lorenzo Bombello

Technical Operator | Industrial Automation | Siemens PLC |
Fault Diagnostics

WORK EXPERIENCE

Technical operator with more than 10 years of experience in a highly automated automotive manufacturing environment. Specialized in industrial automation, Siemens PLC systems, fault diagnosis and electro-pneumatics.. Experienced with TIA Portal, WinCC Unified and HMI development.

Volvo Cars Ghent Technical Operator 2016 – Present

Diagnosing and troubleshooting PLC-controlled production lines and industrial robots. Supporting preventive and corrective maintenance activities. Quality control and process monitoring.

EDUCATION Syntra West – Industrial Automation (PLC)

- PLC Module 1 (2025) ✓
- PLC Module 2 (2026) ✓
- PLC Module 3 – In Progress (2026–2027)

CERTIFICATIONS

- Maintenance Technician Diploma (2025)
- Electrical Safety (AREI BA4) (2025)
- VCA Basic (SCC) – ReaXi Training Center (2026)
- Internal Machine Operator Certification – Volvo Cars Ghent (2025)

CVO Ghent – General Education (AAV) (In Progress 2025–2027)

Technical Foundation Training – CVO ISBO (2008)

- Basic Metalworking
- Basic Electricity
- Electrical Installation Systems 1 & 2
- Domestic Appliance Repair (Diagnosis, Repair & Refrigeration Technology)

CORE STRENGTHS • Analytical • Eager to Learn • Accurate •
Safety Conscious • Problem Solver

SKILLS

Technical Skills

PLC & Software

- Siemens S7-1200
- TIA Portal V18 / V19
- WinCC Unified
- HMI Development
- Faceplates
- User Defined Data Types (UDT)
- Function Blocks (FB)
- Data Blocks (DB)
- Alarm Management
- User Management

Industrial Automation

- Technical Diagnostics
- Electro-pneumatics
- Industrial Networks
- Diagnostics
- Sensors and Actuators
- Automated Production Systems
- Industrial Robots

Maintenance

- Preventive Maintenance
- Corrective Maintenance
- Fault Diagnosis
- Process Monitoring
- Quality Control

LANGUAGES

- Dutch – C2
- French – C1
- Italian – C1
- English – B2

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